

Title (en)

METHOD FOR CONTROLLING AN ALTERNATOR SUITABLE FOR SUPPLYING ELECTRICITY TO AN ELECTRIC COMPRESSOR CONFIGURED TO COMPRESS THE AIR AT THE INTAKE OF A HEAT ENGINE

Title (de)

VERFAHREN ZUR STEUERUNG EINES GENERATORS ZUR STROMVERSORGUNG EINES ELEKTRISCHEN VERDICHTERS ZUR KOMPRIMIERUNG DER LUFT AM EINLASS EINER WÄRMEKRAFTMASCHINE

Title (fr)

PROCEDE DE COMMANDE D'UN ALTERNATEUR APTE A ALIMENTER ELECTRIQUEMENT UN COMPRESSEUR ELECTRIQUE CONFIGURE POUR COMPRIMER L'AIR A L'ADMISSION D'UN MOTEUR THERMIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015011420A2] The invention relates to a method for controlling a rotary electric machine (15) operating as an alternator when driven by a heat engine, the electric machine (15) being part of an electric circuit (1) also including a power storage unit (10) and an electric compressor (11) configured to compress the air at the intake of the heat engine, the electric circuit (1) being configured such as to selectively enable the supply of power to the electric compressor (11) by means of: a first power supplied by the power storage unit (10); and a second power from the rotary electric machine (15) when driven by the heat engine, method wherein the value of the voltage supplied by the rotary electric machine (15) is controlled on the basis of at least the charging status of the power storage unit (10) and the speed of the heat engine.

IPC 8 full level

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